

Art Unit: 2631

CLPTO

091604

D.S.

CLAIMS 1-6 (CANCELLED)

7. An optical transmitter, for coupling to communication devices through an optical divider/coupler, having a source outputting a drive current, a light-emitting element, for outputting optical signal to an optical fiber coupled to at least one of the communication devices, that is driven by the drive current for generating an optical output signal, and a modulator controlling the supply and cutoff of the drive current to the light-emitting element in response to an externally supplied light-on/off signal, the optical transmitter comprising:

a source voltage detector that monitors a source voltage; and

a light-emission cutoff circuit, connected to the modulator, that controls a level of the light-on/off signal to be inputted to the modulator in response to the monitored source voltage, wherein the modulator cuts off supply of the drive current to the light-emitting element when the monitored source voltage is lower than the predetermined voltage.

8. The optical transmitter according to claim 7, wherein the optical transmitter further comprises a switch circuit that stops, if the monitored source voltage is lower than the predetermined voltage, the supply of the drive current to the light-emitting element.

CLAIMS 9-20 (CANCELLED)

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